

Abstract of the Invention

An access network controller and a base station controller are formed to define an interface there between that enables the two systems to facilitate and respond to a voice call that is to be set up to a hybrid mobile station even though the hybrid mobile station is presently engaged in a data only call. More specifically, the base station is formed to generate a pseudo-page signal to the access network controller to determine whether the hybrid mobile station is present and available prior to the base station generating paging signals to establish the voice call. According to the response received from the access network controller, the base station either pages the hybrid mobile station to establish the voice call, forwards the call to voice mail, or forwards the call either to an Internet Call Delivery Server or to an Internet Call-Waiting Server.